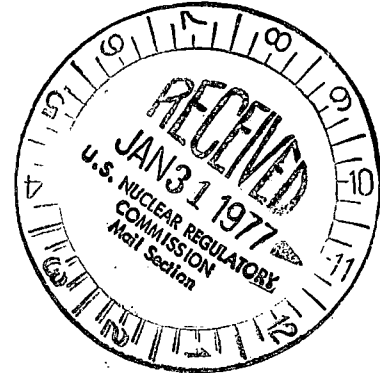
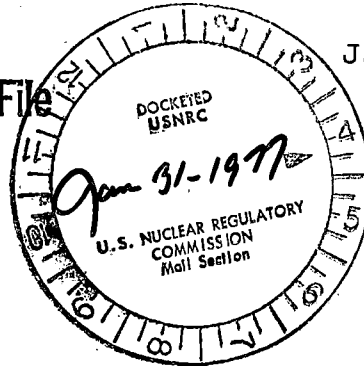


Frederick W. Schneider
Vice President
Production

Public Service Electric and Gas Company 80 Park Place Newark, N.J. 07101 201/622-7000

Regulatory Docket File

January 28, 1977



Mr. James P. O'Reilly
Director of USNRC
Office of Inspections and Enforcements
Region 1
631 Park Avenue
King of Prussia, Pennsylvania 19406

Dear Mr. O'Reilly:

LICENSE NO. DPR-70
DOCKET NO. 50-272
REPORTABLE OCCURRENCE 77-02/3L

Pursuant to the requirements of Salem Generating Station Unit No. 1 Technical Specifications, Section 6.9.1, we are submitting Licensee Event Report for Reportable Occurrence 77-02/3L. This report is required within thirty (30) days of the occurrence.

Sincerely yours,

A handwritten signature in cursive script, appearing to read "F. W. Schneider".

CC: Director, Office of Inspection
and Enforcement (30 copies)
Director, Office of Management
Information and Program Control
(3 copies)

1033

Report Number: 77-02/3L
Report Date: 1/12/77
Occurrence Date: 1/03/77
Facility Salem Generating Station
Public Service Electric & Gas Company
Hancocks Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

Pipe failure on letdown vent line.

CONDITIONS PRIOR TO OCCURRENCE:

Mode 3 operation, Plant pressure 2235 psig, Plant temperature 547°F.

DESCRIPTION OF OCCURRENCE:

No. 15 Containment Fan Coil Unit leak detection system alarmed and containment humidity increased. Normal letdown was in service. The containment sump pumps started and makeup to the VCT increased. Letdown flow indicated zero while charging flow was normal. Normal letdown was isolated and excess letdown initiated. All indications of a RCS leak terminated. Investigation revealed a pipe break in the letdown vent line ahead of valve 1CV396. Approximately 2400 gallons of reactor coolant spilled in the 78' elevation of the containment and drained into the containment sump.

DESIGNATION OF APPARENT CAUSE OF OCCURRENCE:

Excessive vibration of the 3/4" vent line caused the pipe to shear downstream of the joint to the main letdown line.

ANALYSIS OF OCCURRENCE:

Airborne activity in the reactor containment was less than the maximum permissible concentration. The spilled coolant drained into the containment sump and was pumped to the waste holdup tanks for processing. The leak rate was reduced to less than the Technical Specification limit of paragraph 3.4.1.2 within the allowed time and all action statements were cancelled. At no time was there any danger to the general public or site personnel.

CORRECTIVE ACTION:

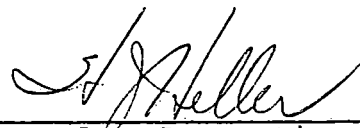
The 3/4" letdown vent line was removed. The remaining socket was plugged and welded. NDE was performed on the new weld and the system was hydrostatically tested. Ten similar vent lines in the CVC System were identified and NDE was performed on the 3/4" to header welds. No indications were identified.

FAILURE DATA:

Pipe: 3/4"
Schedule 40
ASTM A-403
TP-304

Prepared by T. Spencer

SORC Meeting No. 8-77



Manager - Salem Generating Station

LICENSEE EVENT REPORT

CONTROL BLOCK

LICENSEE NAME	LICENSE NUMBER	LICENSE TYPE	EVENT TYPE
01 NJSGSL	00-000000-00	411111	01
REPORT TYPE	SOURCE	DOCKET NUMBER	EVENT DATE
01 CONT	PIO	L	L
01	050-0272	010377	011277

EVENT DESCRIPTION

02 During Mode 3 operation, normal letdown in service, a pipe break occurred
 03 in a vent line on the letdown header. Alternate letdown was available.
 04 2400 gal of coolant leaked into the containment sump. Vent line was re-
 05 moved, plugged and welded. Hydrostatic test was satisfactory. This is
 06 the first occurrence of this type. (76-02/3L)

SYSTEM CODE	CAUSE CODE	COMPONENT CODE	PRIME COMPONENT SUPPLIER	COMPONENT MANUFACTURER	VIOLATION
07 PIC	E	Z Z Z Z Z Z	L	U0810	N

CAUSE DESCRIPTION

08 Excessive vibration caused failure of 3/4" Sch. 40 vent line. Similar
 09 vent lines underwent NDE. No indications noted.
 10

FACILITY STATUS	% POWER	OTHER STATUS	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION
11 G	0100	N/A		N/A

FORM OF ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY	LOCATION OF RELEASE
12 Z	Z	N/A	N/A

PERSONNEL EXPOSURES

NUMBER	TYPE	DESCRIPTION
13 000	Z	N/A

PERSONNEL INJURIES

NUMBER	DESCRIPTION
14 000	N/A

OFFSITE CONSEQUENCES

15 N/A

LOSS OR DAMAGE TO FACILITY

TYPE	DESCRIPTION
16 Z	N/A

PUBLICITY

17 N/A

ADDITIONAL FACTORS

18
 19

NAME: T. L. Spencer PHONE: (609) 365-7000 Ext. Salem- 528